

01-07-01

JC879 U.S. PTO
12/31/01

JC971 U.S. PTO
10/037454
12/31/01

NOVAKOV DAVIS & MUNCK

A PROFESSIONAL CORPORATION
900 THREE GALLERIA TOWER
13155 NOEL ROAD
DALLAS, TEXAS 75240
(214) 922-9221

December 31, 2001

ATTORNEYS AND
COUNSELORS

Telecopier
(214) 969-7557

Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

EXPRESS MAIL RECEIPT No. ET838009125US

Re: U.S. Patent Application for "PRACTICAL M-ARY DEMODULATOR USING
HARD DECISION CIRCUIT AND METHOD OF OPERATION FOR USE IN A
CDMA WIRELESS NETWORK BASE STATION"
Our File: SAMS01-00198

Dear Sir:

Enclosed please find the following documents for filing:

- Express Mail Certificate of Mailing;
- Patent Application (64 pages including cover sheet);
- Informal Drawings (6 sheets);
- Declaration and Power of Attorney (unsigned);
- a postcard receipt.

| FOR: | NO. FILED | NO. EXTRA | RATE | FEE |
|---------------------------------------|-----------|-----------|----------|----------|
| BASIC FEE | | -0- | \$740.00 | \$740.00 |
| TOTAL CLAIMS | 24 - 20= | 4 | \$ 18.00 | \$ 72.00 |
| INDEP. CLAIMS | 2 - 3= | -0- | \$ 84.00 | \$ -0- |
| MULTIPLE DEPENDENT CLAIM PRESENTED | -0- | -0- | \$270.00 | \$ -0- |

TOTAL \$812.00

40037454-123401

Commissioner for Patents
December 31, 2001
Page 2

If any problems arise in the filing of the enclosed documents, please contact William A. Munck at (214) 922-9221.

Very truly yours,

NOVAKOV DAVIS & MUNCK, P.C.



John T. Mockler
Registration No. 39,775

JTM/kl
Enclosures

ENCLOSURE

01-07-02

11

12/31/01
JC879 U.S. PTO

DOCKET NO. SAMS01-00198
Customer No. 23990

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: : Joseph R. Cleveland, et al.
For : PRACTICAL M-ARY DEMODULATOR USING HARD
DECISION CIRCUIT AND METHOD OF OPERATION FOR
USE IN A CDMA WIRELESS NETWORK BASE STATION

BOX PATENT APPLICATION

Commissioner for Patents
Washington, D.C. 20231

CERTIFICATE OF MAILING BY POST OFFICE EXPRESS MAIL

Sir:

The undersigned hereby certifies that the following documents:

- 1) Patent Application (64 pages);
- 2) Informal Drawings (6 sheets);
- 3) Declaration and Power of Attorney (unsigned);
- 4) Transmittal Letter; and
- 5) Postcard receipt.

relating to the above application, were deposited as "Express Mail", Mailing Label No. ET838009125US with the United States Postal Service, addressed to Box Patent Application, Commissioner for Patents, Washington, D.C. 20231, on December 31, 2001.

Date: 12/31/01

Kathy Longenecker
Mailer

Date: 31 Dec. 2001

John T. Mockler
John T. Mockler
Reg. No. 39,775

P.O. Drawer 800889
Dallas, Texas 75380
Phone: (214) 922-9221
Fax: (214) 969-7557
E-mail: jmockler@novakov.com

ATTY. DOCKET NO. SAMS01-00198

PATENT

PRACTICAL M-ARY DEMODULATOR USING HARD DECISION
CIRCUIT AND METHOD OF OPERATION FOR USE
IN A CDMA WIRELESS NETWORK BASE STATION

Inventor(s):

Joseph R. Cleveland
911 Grinnell Drive
Richardson
Dallas County
Texas 75081
United States citizen

Adnan Kavak
Mimar Sinan Mah.
Petkimililer Sitesi
No.: 11 D:1
41740 Yarimca, Izmit, Turkey
Citizen of Turkey

Assignee:

SAMSUNG ELECTRONICS Co., LTD.
416, Maetan-dong, Paldal-gu
Suwon-city, Kyungki-do
Republic of Korea

| CERTIFICATE OF EXPRESS MAIL | |
|---|--|
| I hereby certify that this correspondence, including the attachments listed, is being mailed in an envelope addressed to Commissioner of Patents and Trademarks, Washington, DC 20231, using the Express Mail Post Office to Addressee service of the United States Postal Service on the date shown below. | |
| <u>Kathy Longenecker</u> Printed Name of Person Mailing | <u>ET838009258US</u> Express Mail Receipt No. |
| <u>Kathy Longenecker</u> Signature of Person Mailing | <u>12/31/01</u> Date |

William A. Munck
John T. Mockler
Novakov Davis & Munck, P.C.
Three Galleria Tower
13155 Noel Road, Suite 900
Dallas, Texas 75240
(214) 922-9221